

(19) Japanese Patent Office

(12) **Publication of Unexamined Patent Application**

(11) Publication number:

H11-183659

(43) Date of publication of application: July 7, 1999

(51) IntCl.		Classification No.	F1		
GO4G	1/00	319	GO4G	1/00	319C
GO4B	47/00		GO4B	47/00	Z
MO4N	5/225		HO4N	5/225	D

(21) Application number: H9-369997

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(22) Date of filing: December 19, 1997

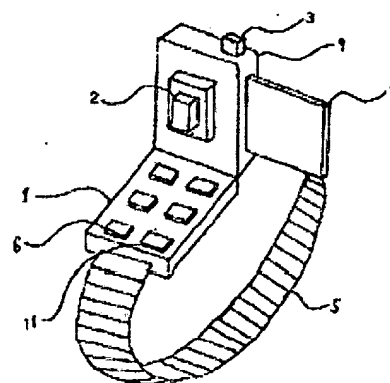
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(54) [Title of the Invention] WRISTWATCH TYPE DIGITAL CAMERA

(57) [Abstract]

PROBLEM TO BE SOLVED: If a small camera and a wristwatch are integrated into one device, the device can be worn at all times allowing the time shown on a watch to be seen and the camera to also take photographs.

SOLUTION: The present invention allows the time shown on a watch to always be seen and the camera to also take photographs by means of integrating a small camera and a wristwatch into one device which is then worn on the wrist. In addition, since the watch camera main unit can be opened and closed, it is very compact with pushbuttons that are easy to push. The camera finder is also pleasant to look at.



[Claims]

[Claim 1] To make it possible to take photographs while wearing a small camera by means of integrating the main unit (1) of a small camera and the strap into one device.

[Claim 2] To make it possible to store photographs taken by said camera on a small floppy disk (7) inserted in said main unit (1).

[Claim 3] To make it easy to operate by attaching the finder (2), shutter (3) and lenses to the inside of the opened portion of said main unit (1) and attaching an operation button to said main unit (1).

[Claim 4] To make it possible to see the time shown on the watch while wearing the small camera anywhere at all times by means of displaying the time a display when said main unit (1) is closed.

[Detailed Description of the Invention]

[0001]

[Technical Field of the Invention] The present invention has a small camera attached to the wristband assembly allowing the time shown on the watch to be seen and the camera to take photographs while it is being worn. In addition, photographs taken by the camera can be stored on a floppy disk.

[0002]

[Prior Art] Through progress made by Microsoft, digital cameras have become widespread and miniaturization has been progressing.

[0003]

[Problem(s) that the Invention is to Solve] The miniaturization of cameras currently being used has progressed although progress has not been made for ordinary daily wear.

[0004] It is difficult for users to bring their eyes close to the viewfinder when wearing a small camera and taking photographs.

[0005] This does not allow a small camera to be worn on the wrist and take photographs.

[0006] When a small camera is worn on the wrist, even though it is called a "small camera", it is large sized and is difficult to operate.

[0007]

[Means of Solving the Problem(s)] Fig. 1 is a perspective view showing when the viewfinder assembly (9) of the wristwatch type digital camera of the present invention is open from the main unit (1). In order to wear this small camera and, as shown in Fig. 3, allow the user to bring their eye close to the viewfinder of the camera being worn, the viewfinder (2) of Fig. 1 is drawn out and the shutter (3) operated while wearing the camera on the wrist. The camera is also equipped with an operation switch (6). Furthermore, the camera has an internal floppy disk (7) that can store photographs taken by the camera. Because the main unit (1) and viewfinder assembly (9) can be opened and closed, if the camera is closed as shown in Fig. 2 when it is not being used, the time shown on the watch (8) can be seen. This also makes the camera more compact thereby allowing it to be carried at all times.

[0008]

[Embodiment of the Invention] An embodiment will be described while referring to the attached drawings.

[0009]

[Working Example] Fig. 1 is a perspective view showing when the viewfinder assembly of the wristwatch type digital camera of the present invention is open from the main unit (1). The wristwatch digital camera is operated by means of pressing the switch assembly (6) which is provided on the wristwatch, the camera main unit and the strap (5). The viewfinder (2) of the opened viewfinder assembly (9) is housed inside the viewfinder assembly (9) in order to contract it when closed. When the small floppy (7) is inserted, it is extracted from the insertion opening of Fig. 2 by pressing the button (11). The shutter (3) is attached to the outside of the viewfinder assembly (9). When the shutter (3) is pressed using a finger, the shutter (3) will operate and a photograph will be taken.

[0010] Fig. 2 is a perspective view showing when the viewfinder assembly (9) is closed. The lens (4) is attached to the viewfinder lens assembly (12) allowing the object to be photographed to be seen from the viewfinder (2) through the lens (4). The display (8) is provided on the viewfinder lens assembly (12) in which the time shown on the watch is displayed.

[0011] Fig. 3 shows a state when the main unit is worn on the wrist and a person is actually taking a photograph using the camera.

[0012]

[Effect(s) of the Invention] According to the present invention as described above, because a wristwatch type digital camera can be worn on the wrist at all times, it is possible to quickly and instantly respond when a scene appears you want to photograph. In addition, since the role of a watch is also implemented, it is possible to always see the time. Another feature is the present invention is the capability to store photographed images on small floppy disks.

[Brief Description of the Drawings]

Fig. 1 is a perspective view showing when the viewfinder assembly of the main unit of the wristwatch type digital camera of the present invention is open.

Fig. 2 is a perspective view showing when the main unit and the viewfinder assembly are closed.

Fig. 3 shows a state when a person is actually using the wristwatch type digital camera.

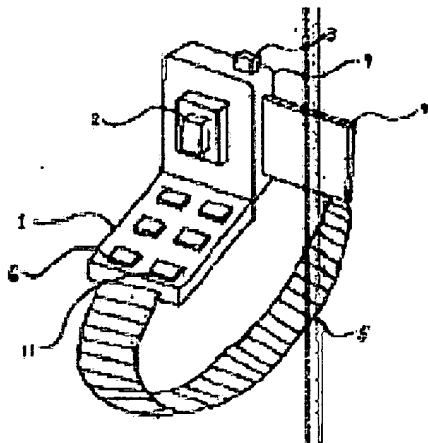
[Description of Symbols]

- 1 Main unit
- 2 Viewfinder
- 3 Shutter
- 4 Lens
- 5 Strap
- 6 Power switch
- 7 Small floppy
- 8 Watch display screen
- 9 Viewfinder assembly
- 10 Floppy insertion opening
- 11 Floppy eject switch
- 12 Display surface

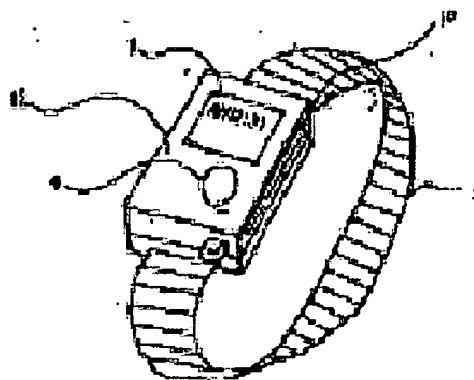
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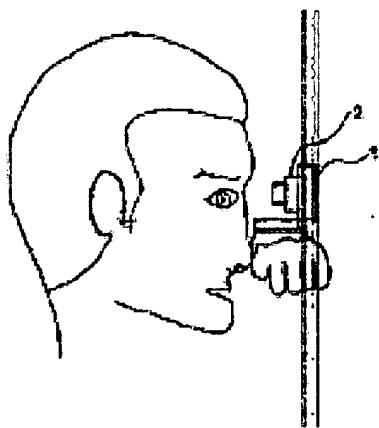
[Figure 1]



[Figure 2]



[Figure 3]



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